PTO/SB/01 (03-01) Approved for use through 10/31/2002. OMB 0651-0032 Please type a plus sign (+) inside this box __ U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number VEECO 3.3-082 Attorney Docket Number DECLARATION FOR UTILITY OR **DESIGN** Michael Murphy First Named Inventor PATENT APPLICATION COMPLETE IF KNOWN (37 CFR 1.63) UNKNOWN Application Number x Declaration February 17, 2006 Declaration Filing Date Submitted Submitted after Initial OR N/A Filing (surcharge Group Art Unit with Initial (37 CFR 1.16 (e)) Filing Examiner Name Not Yet Assigned required) As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am an original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: ALKYL PUSH FLOW FOR VERTICAL FLOW ROTATING DISK REACTORS (Title of the Invention) the specification of which is attached hereto was filed on (MM/DD/YYYY) 08/20/2003 as United States Application Number or PCT International and was amended on PCT/US2003/026112 Application No. (if applicable). (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign
Application
Number(s)

Country

Foreign Filing Date
(MM/DD/YYYY)

Foreign Filing Date
(MM/DD/YYYY)

Not Claimed

YES

NO

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

Please type a plus sign (+) inside this box	→ [+	
---	------------	---	--

PTO/SB/01 (03-01)
Please type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application								
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number 000530								
Direct all correspondence to: X Customer Number or Bar Code Label				000	530	OR Correspondence address below		
Nam e								
Address								
City				Sta	te	ZIP		
Country		Telephone				Email		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
NAME OF S	OLE OR FIRST INVENTOR	:			A petition h	nas been filed for this unsigned inventor		
. Given Name (first and mid	idle [if any])	Michael			Family Name or Surname	Murphy		
Inventor's Signature	Michael W	leply				Date 10/25/200 6		
Residence: C	Somerset ity	NJ	Uni		States of erica	US Citizenship		
Mailing Address:	9J One JFK Boulevar	d						
City	Somerset	NJ State	ZIP	80	873	United States of America Country		
NAME OF S	ECOND INVENTOR:				A petition h	nas been filed for this unsigned inventor		
Given Name (first and mid	die (if any))	Richard			Family Name or Surname	Hoffman		
Inventor's Signature			** * **			Date		
Residence: C	Clinton lty	NJ State	Uni	nited States of US America Citizenship				
Mailing Address:	2 Mitchell Lane							
City	Clinton NJ 08809 United States of America							
X Additional inventors are being named on the1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.								

LD-537\

					P.	TO/S	B/01	(03-0	1
	Approved	for use	throu	ugh 10/3	1/2002.	OM	B 065	1-003	2
U.S. Patent and	Trademark	Office;	U.S.	DEPAR'	TMENT	OF (COM	IERC	E

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

57,507 510 T GP	Officer dis 1 aperitors (Accordant Accordance to persons are required to respond to a consecutive limitation of misses (Contains a value of the contains and the contains a value of the contains and the contains a value of the contains and the contains and the contains and the contains a value of the contains and the contains an						
DECLARATION — Utility or Design Patent Application							
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number 000530							
Direct all corre	omer Number r Code Label	000530			OR Correspondence address below		
Name							
Address .							
City				Sta	te	ZIP	
Country		Telephone	•		•	Email	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF S	OLE OR FIRST INVENTOR	:			A petition i	has been filed for this unsigned inventor	,
Given Name (first and mid	dle [if any])	Michael			Family Name or Surname	Murphy	
Inventor's Signature						Date	
Residence: C	Somerset ity	NJ State	United States of America			US Citizenship	
Mailing Address:	9J One JFK Boulevar	ď					
City	Somerset	NJ State	ZIP	08	873	United States of Americ	са
NAME OF S	ECOND INVENTOR:				A petition I	has been filed for this unsigned inventor	
Given Name (first and mid	dle [if any])	Richard			Family Name or Surname	Hoffman	
Inventor's Signature	Jun H	1-				Date 25 Octobr 2	2006
Clínton NJ Residence: City State			United States of America			US Citizenship	
Mailing Address:	Mailing 2 Mitchell Lane						
Clinton NJ 08809 United States of America						ca	
X Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							

LD-537\

PTO/SB/02A (09-04)

Approved for use through 07/31/2006, OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLAR	OR(S)				
Name of Additional Joint Inven	tor, if any:		A petition	has been filed for this unsigned inventor	
Given Name (first an	d middle (if any))			Family Name or Surname	
Jonati	nan			Cruel	
Inventor's Signature				Date	
Plano / Residence: City	TX State	U	nited States ofAmerica	US Citizenship	
Mailing Address: 1901 W. Spring	Creek Parkway,	#301			
Plano City	TX State	Zip		United States of America Country	
Name of Additional Joint Invent	or, if any:		A petition	has been filed for this unsigned inventor	
Given Name (first an				Family Name or Surname	
Lev			<u> </u>	Kadinski	
Inventor's Signature	7			Date	
Burghausen Residence: City	State	Countr	Germany v	Germany Citizenship	
Mailing Address: Lilienweg 5					
Burghausen _{City}	State	Zip	84489	Germany Country	
Name of Additional Joint Invent	or, if any:		A petition i	has been filed for this unsigned inventor	
Given Name (first an				Family Name or Surname	
Jeffrey	· C.		<u> </u>	Ramer	
Inventor's Signature	·	-γ		Date	
Sunnyvale Residence: City	CA State	Ur	nited States of US America Citizenship.		
Mailing Address: 825 E. Evelyn A	venue #324				
Sunnyvale ^{City}	CA State	Zip	94086	United States of America	
Name of Additional Joint Invent	or, if any:		A petition i	nas been filed for this unsigned inventor	
Given Name (first an				Family Name or Sumame	
Eric /	٩.		<u> </u>	Armour	
Inventor's Signature				Date	
Pennington Residence; City	NJ State	Ur	nited States of _America	US Citizenship	
Mailing Address: 14 Laning Aven			4. 7 6 4 6 4 5 m d. 18 4 6 CP		
Pennington City	ington NJ 0 State Zip		08534	United States of America Country	

PTO/SB/02A (09-04)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	DECLAR	ATION		Supplement					
Name of Ad	dditional Joint Inven	itor, if any:			A petition	has been filed for this unsigned inventor			
<u> </u>	Given Name (first ar								
	Jonat)	+		Family Name or Sumame Cruel			
Inventor's Signature									
Signature	Plano	TX		Jnited State	es of	Date			
Residence: Ci		State		America		Citizenship			
Mailing Address:	1901 W. Spring	g Creek Parl	kway, #301						
City	Plano	TX State	Zip			United States of America Country			
Name of Ad	ditional Joint Inven				A petition	n has been filed for this unsigned inventor			
	Given Name (first an)	T		Family Name or Surname			
l=venterie	Lev	7.				Kadinski			
Inventor's Signature		adins	,ki			Date 26.10.2006 Germany			
Bu Residence: Ci	ırghausen ity	State	Coun	German	У	Germany			
Mailing Address:	Lilienweg 5								
Bu	irghausen	State	Zip	84489		Germany Country			
Name of Ad	Iditional Joint Inven	tor, if any:			A petition has been filed for this unsigned inventor				
	Given Name (first an)		Family Name or Surname				
1	Jeffre	<u>y</u> C.				Ramer			
Inventor's Signature						Date			
St Residence: Ci	unnyvale ity	CA State		Jnited State		US Citizenship			
Mailing Address:	825 E. Evelyn A		<u>,</u>						
St City	unnyvale	CA State	Zip	94086		United States of America Country			
Name of Ad	Iditional Joint Inven	tor, if any:	,		A petition	has been filed for this unsigned inventor			
Given Name (first and middle (if any))			Family Name or Sumame						
	Eric A.					Armour			
Inventor's Signature						Date			
Pe Residence: Cit	ennington	NJ State		Jnited State		US			
Mailing Address:	14 Laning Aver	nue							
Pe	ennington	NJ State	Zip	08534		United States of America			

PTO/SB/02A (09-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	DECLARA	TION		Supplemental Sheet Page 1 of 1					
Name of Ad	ditional Joint Invento	or, if any:		A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))					Family Name or Surname				
	Jonath	an			Cruel				
Inventor's Signature					Date				
Residence: Ci	Plano ty	TX State	l	Jnited States of America	US Citizenship				
Mailing Address:	1901 W. Spring	Creek Parkwa	y, #301						
City	Plano	TX State	Zip		United States of America Country				
Name of Ad	ditional Joint Invento	or, if any:		A petition	n has been filed for this unsigned inventor				
	Given Name (first and	middle (if any))			Family Name or Surname				
	Lev				Kadinski				
Inventor's Signature					Date				
Bu Residence: Ci	rghausen ty	State	Cour	Germany htry	Germany Citizenship				
Mailing Address:	Lilienweg 5								
Bu City	rghausen	State	Zip	84489	Germany Country				
Name of Ad	ditional Joint Invento	or, if any:		A petition	n has been filed for this unsigned inventor				
	Given Name (first and	middle (if any))			Family Name or Surname				
	Jeffrey	C.			Ramer				
Inventor's Signature	Aetheir !	(/Lame		Date 10 24 / 66					
St Residence: Ci	unnyvale \	CA State	` '	Inited States of America	US Citizenship				
Mailing Address:	825 E. Evelyn A	venue #324							
City	ınnyvale	CA State	Zip	94086	United States of America Country				
Name of Ad	ditional Joint Invento	or, if any:	-	A petition	A petition has been filed for this unsigned inventor				
	Given Name (first and				Family Name or Surname				
	Eric A	١			Armour				
Inventor's Signature					Data				
	nnington	NJ State	Ü	Inited States of	Date US Citizenship				
Mailing Address:	14 Laning Avenu		I	Amenta					
Pe	nnington	NJ State	Zip	08534	United States of America				

PTO/SB/02A (09-04)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	TION		ADDITIONA Supplemen						
Name of Addit	ional Joint Invento	or, if any:			A petition	has been filed for this unsigned inventor			
<u> </u>	Given Name (first and	middle (if anv))		Family Name or Surname					
	Jonath			Cruel					
Inventor's				,,,, ,, ,,,,,					
Signature						Date			
	ano	TX	1	Jnited Stat		US			
Residence: City		State	i	Americ	a	Citizenship			
Mailing Address:	901 W. Spring	Creek Park	way, #301						
PI	ano	TX State	Zip	,		United States of America Country			
Name of Addit	ional Joint Invento	or, if any:			A petition	has been filed for this unsigned inventor			
	Given Name (first and	middle (if any)))		. ,	Family Name or Sumame			
	Lev					Kadinski			
Inventor's Signature						Date			
	hausen			German	ny	Germany			
Residence: City		State	Cour	ntry		Citizenship			
Mailing Address: L	ilienweg 5								
Burgl City	nausen	State	Zip	84489 Zip		Germany Country			
Name of Addit	ional Joint Invento	or, if any:			A petition	has been filed for this unsigned inventor			
	Given Name (first and					Family Name or Surname			
	Jeffrey	<u>C.</u>				Ramer			
Inventor's Signature						1			
	nyvale	CA		Jnited Stat	es of	Date			
Residence: City		State		Americ		Citizenship			
ridal sasa	Mailing 825 F. Evelyo Avenue #324								
City	nyvale	CA State	Zip	94086 Zip		United States of America Country			
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor									
	Given Name (first and					Family Name or Sumame			
	Eric A	١.				Armour			
Inventor's Signature	66	2 CC	<u></u>			Date 10/25/06			
Penr Residence: City	ington	NJ State		Jnited Stat		'US			
M-0:	Mailing 14 Laning Avenue								
Penr	ington	NJ		08534		United States of America			

City

State

Zip

Country